

Queensbury & Shelf
Urban District Council.

Annual Report

OF THE

ACTING

Medical Officer of Health

(DR. ALLEN GLENN)

(DR. J. J. MURPHY, O.H.M.S.)

FOR THE

Year ended Dec. 31st, 1940.



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INNISFREE,

QUEENSBURY,

MR. CHAIRMAN AND GENTLEMEN.

I have pleasure in presenting my Report for the year ending December 31st, 1940.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (in acres)—2,795.

Population (Registrar-General) 8,851.

Number of inhabited houses (end of 1940)—3,179.

Rateable value and sum represented by a penny rate—£35,448. £141.

Social conditions, including the chief occupations of the inhabitants, and the influence of any particular occupation on public health. I—Satisfactory. II—Textile. III—None.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

Live Births— M. F. Deaths—129.

Legitimate—52 59. Birth Rate—13.00.

Illegitimate—3 1. Death Rate—14.57.

Still Births— 1 6.

Percentage of total deaths occurring in public institutions
—26.36.

Number of women dying in, or in consequence of, child-birth from sepsis—Nil; from other causes—Nil.

Death-rate of Infants under one year of age per 1,000 live births—60.9. Legitimate—7; Illegitimate—0; Total—7.

Deaths from Measles (all ages)—Nil.

Deaths from Whooping Cough (all ages)—Nil.

Deaths from Diarrhoea (under 2 years of age)—Nil.

BIRTH RATE (England and Wales).

Live Births—14.6.

Still-Births—0.55.

DEATH RATE (England and Wales).

All Causes—14.3.

QUEENSBURY & SHELF URBAN DISTRICT, 1940.

CAUSES OF DEATH.

All Causes—60 M., 69 F.

Tuberculosis of respiratory system—1 M., 2 F.

Other Tuberculosis diseases—0 M., 0 F.

Cancer, malignant disease—8 M., 9 F.

Diabetes—1 M., 0 F.

Heart disease—20 M., 24 F.

Bronchitis—5 M., 1 F.

Pneumonia (all forms)—4 M., 5 F.

Congenital debility and malformation, premature birth—
1 M., 4 F.

Diphtheria—Nil.

Suicide—1 M.

Stillbirths—Total, 1 M., 6 F. 6 Legitimate, 1 Illegitimate.

Other Causes—19 M. 24 F.

Particulars of any unusual or excessive mortality during the year which has received or required comment—Nil.

VITAL STATISTICS FROM 1937 OF COMBINED AREA.

Year	Population	Births	Birth Rate	Deaths	Death Rate
1937	8641	140	16.20	141	16.30
1938	8640	121	14.00	122	14.12
1939	8633	105	12.32	124	14.36
1940	8851	115	13.00	129	14.57

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

1.—PUBLIC HEALTH OFFICERS.

Medical Officer—Dr. J. J. Murphy, (O.H.M.S.)
and Dr. Allen Glenn (Acting). (Part time)

Sanitary Inspector—H. Walmsley (Full Time).

2.—NURSING IN THE HOME.

General—Private—District Nursing Associations.

Infectious Diseases—By Sanitary Authority.

3.—MIDWIVES PRACTISING IN THE AREA.—One. (One W.R.C.C.)

(There are no arrangements for the employment of, or subsidy to, Midwives by the Local Authority).

4.—NATIONAL HEALTH INSURANCE.—Nil.

5.—POOR LAW MEDICAL OUT-RELIEF.

Public Assistance Committee.

6.—LABORATORY FACILITIES.

Examination or Analysis of Clinical Material, Water, Milk and Foodstuffs—West Riding County Council.

7.—LEGISLATION IN FORCE.

Public Health Acts (Amendments), 1907.

Infectious Diseases (Prevention), 1890—Parts 3 and 5.

Private Streets Works Act, 1892—Parts 23, 26, 46, and Section 95 of Part 10.

8.—HOSPITALS.

Infectious, General—Scarlet Fever Hospital
Long Lane, Ambler Thorn. Number of Beds—12.

Hospital Management—Committee of Local Authority.

Staff—M.O.H., Fully Trained Matron, and Trained Nurses when required).

Consultants—As the M.O.H. desires.

Specify, indicating the number for each sex and the hospital or institution concerned, the beds available for the following services:—

General Medical	Mental
General Surgical	Mental Deficiency
Children	Orthopaedic
Maternity	Ear, Nose and Throat
Venereal Diseases	Puerperal Fever and Pyrexia
Tuberculosis	Ophthalmia Neonatorum
Chronic Sick	Other —Nil.
All cases transferred to Bradford and Halifax hospitals.	

9.—MATERNITY AND NURSING HOMES.—Nil.

10.—MATERNAL MORTALITY.—At Hospitals concerned.

11.—INSTITUTIONAL PROVISION FOR UNMARRIED MOTHERS, ILLEGITIMATE INFANTS AND HOMELESS CHILDREN —Public Assistance Committee.

12.—INSTITUTIONAL PROVISION, IF ANY, FOR THE CARE OF MENTAL DEFECTIVES.—As above.

13.—AMBULANCE FACILITIES.—

(a) For infectious cases—Yes.

Local Ambulance for Scarlet Fever.

Halifax Ambulance for Diphtheria and Typhoid.

(b) For non-infectious and accident cases—Yes.

St. John's, Bradford, and Halifax Corporation.

14.—CLINICS AND TREATMENT CENTRES.

Ante-Natal—Provided.

Child Welfare—Provided.

School Clinic—W.R.C.C. (School Children only).

Dental Clinic—W.R.C.C. (School Children only).

Ophthalmic Clinic—W.R.C.C. (School Children only).

TABLE C, 1940.

QUEENSBURY & SHELF URBAN SANITARY DISTRICT.

NUISANCE INSPECTIONS.

Total No. of Inspections made in 1940, for Nuisances only—122.

Nuisances found in 1940—56.

Nuisances in hand, end of 1938—None.

Total needing abatement—56.

Abated during 1940—51.

Outstanding end of 1940—5.

Notices served, Informal—16.

Complied with—16.

Notices served, Statutory—6.

Complied with—4.

Total No. of Summonses or other legal proceedings—None.

Common Lodging Houses, No. in District—None.

Houses let in Lodgings, No. in District—None.

Canal Boats, No. in District—None.

Knackers' Yards, No. in District—None.

Tents, Vans and Sheds, No. in District—2; No. on Register—2; Total No. of Inspections made—4.

Offensive Trades, No. in District—3; No. on Register—3.
Size Boiler, Tripe Boiler and Tannery.

Have the Council declared any other processes to be offensive trades?—No.

DRAINAGE AND SEWERAGE.

No. of Houses not connected to sewers—139 Shelf Area;
107 Queensbury Area.

Sewage Disposal Works—

Particulars of any extensions made during 1940—
New Sludge Beds made.

Any inadequacy of sewage disposal works?—Lum-
brook Works too small.

Any complaint from West Riding River Board?—
Shelf Works, Effluent not satisfactory.

CLOSET ACCOMMODATION.

No. of Privies with open middens—22.

No. of Pail or Tub Closets—52.

No. of Privies with covered middens—227.

No. of Water Closets—2361.

Waste-water Closets—138.

No. of Privies re-constructed during 1940—

(a) as w.e.'s—14.

(b) other—Nil.

No. of Closets, other than Privies, reconstructed during
1940 as W.C.'s—0.

No. of additional Closets provided for old property in
1940—

(a) w.e.'s—10.

(b) other—Nil.

No. of Closets constructed in 1940 for new houses—

(a) w.e.'s—20.

(b) other—Nil.

Any special action being taken by Council to secure con-
version of privies, waste water closets and pails to
W.C. System. If so, what?—Half cost to Drainage
and Plumbing Work.

SCAVENGING.

Is public scavenging in operation throughout the whole district?—Yes.

How is refuse disposed of?

1 Destruction—None.

2 Tipping—Quarry.

3 Farmers—None.

If tipping is in operation, is it on the controlled system?—Yes.

Total annual cost of collection and disposal of refuse—£1785.

Particulars of any extension or improvement in the service during the year—Ashes Bins, collection by motor-transport.

WATER SUPPLY.

Source of Supply—Thornton Moor, Bradford City Council.

By whom distributed—Queensbury and Shelf U.D.C.

No. of dwelling-houses on public supply—3021.

Any extension of supply during the year?—None.

Has supply been satisfactory?—Yes.

(a) In quality—Yes.

(b) In quantity—Yes.

Have any supplies been restricted or closed, if so, where?—None.

MILK SUPPLY.

Are Two Registers being kept as required by Section 2 (3) Milk and Dairies (Amendment) Act, 1922?—

(a) For Retailers—Yes.

(b) For Cowkeepers or Wholesale Traders—Yes.

Have any retailers been removed from the Register?—None.

Milk (Special Designations) Orders 1936 and 1938.

				Samples of designated milks examined bacteriologically:—		
				No. Satis- factory	No. Unsatis- factory	Total
				No. Licences in force in area for:—		
(a)	Production of “Tuberculin Tested” Milk	...	...	—	—	—
(b)	Production of “Accredited” Milk	...	...	3	10	10
(c)	In respect of Pasteurising plants	...	...	4	2	2

No. of Milk samples taken by officers of local authority for analysis under the Food and Drugs (Adulteration) Act, 1928—None.

No. found adulterated—None.

No. of prosecutions—None.

No. of samples of ordinary milk taken by officers of local authority for:—

(a) Methylene blue test—None.

(b) Presence of tuberculosis—None.

Any special examination of milk for dirt, e.g., sedimentation test?—No. 56 samples taken for bacteriological.

Any instance of disease attributed to milk during 1940?—None.

No. of cowkeepers in district—49.

No. registered—49

Total No. of cowsheds—73.

Total No. of milk cows—Approx. 500.

Total No. of cowsheds inspected during the year—73.

Total No. of cowshed inspections—273.

No. of wholesale traders registered—12.

No. of retail milk sellers registered—52.

Observations as to structural conditions, cleanliness and methods of production and handling of milk—
Structural conditions improved and improving;
Sampling and inspection have improved the methods of production, etc.

Dairies built—1. Cowsheds re-conditioned—3.

MORTUARIES.

What accommodation:—

(a) for accidents—Mortuaries at Queensbury and Sanatorium, Shelf.

(b) for infectious cases other than at hospital—Nil.

(c) for other cases—As (A).

(d) for post mortem examinations—As (A).

SANITARY STAFF.

What is the present Annual Salary of the M.O.H.?—£175.

Name of Sanitary Inspector—Harry Walmsley.

Annual Salary as Inspector—£220.

Any Assistants?—No.

Is Staff sufficient?—Yes.

Does M.O.H. receive copies of Memos, and Circulars distributed by Ministry of Health?—Yes.

MEAT INSPECTION.

Any public abattoir in district?—No.

Total No. of private slaughterhouses—10 made up of 2 registered and 8 licensed.

No. unsatisfactory either as regards structure, position or in other respects—None.

CARCASSES INSPECTED AND CONDEMNED.

Cattle (excluding Cows)	Cows	Calves	Sheep and Lambs	Pigs
284	23	0	156	128

Condemned: 1 Beast Liver & Lungs. 1 Pig Head & Pluck.

PUBLIC HEALTH (MEAT) REGULATIONS, 1924.

Meat Marking: Is scheme in force under above?—Optional

OTHER FOODS.

No. of samples (other than milk) taken by officers of L.A. for examination under the Food and Drugs (Adulteration) Act, 1928—None.

No. found adulterated—None.

No. of prosecutions—None.

No. of Bakehouses in district—11.

Total inspections—22.

Are any bakehouses underground, if so, how many?—1.

SCHOOLS.

No. of Schools in District—7.

No. visited by M.O.H.—All visited at intervals.

Action taken—Fumigation and Spraying.

Schools closed by M.O.H.—None.

General Sanitary Conditions—Chapel Lane School.

10 Privies converted to W.C.'s.

SMOKE ABATEMENT.

No. of smoke observations each of 30 minutes' duration taken during 1940—14.

No. of above showing excessive emission of black smoke—None.

No. of cautions issued—2 Verbal.

No. of statutory notices issued—None.

No. of prosecutions—None.

SHOPS ACT, 1934, Sections 10 and 13 (3).

No. of visits paid under the above Act during 1940—None.

Unsatisfactory conditions found—None.

Remedied—None.

TENTS, VANS, SHEDS, etc.

No. in District—2.

Is this class of dwelling showing signs of increase?—No.

Have Council made bye-laws under Section 268 (4), Public Health Act, 1936?—No.

CAMPING SITES.

No Camping Sites.

SWIMMING BATHS AND POOLS.

Are there in the district:—

(a) Any public swimming baths or pools—No.

(b) Any privately owned swimming baths or pools open to the public—Yes, 1.

If so, give brief particulars of each and state what action is taken to ensure satisfactory condition of the water—Victoria Hall Baths; Owners, John Foster & Sons, Queensbury; Inspections, 3. Samples sent to County Laboratories 3.

(c) Any samples of bath waters examined in 1940, apart from samples submitted to the County Bacteriological Laboratory. If so, please give particulars—None.

BYE-LAWS AND REGULATIONS in force in district.

Please give complete list of Byelaws and Regulations in force, and date of adoption in each case—Smoke Abatement 2nd January, 1929; Slaughter of Animals Act 1933.

INFANT MORTALITY.

Any suggestions?—None.

Causes of any excessive Infant Mortality in 1940—None.

INFECTIOUS AND OTHER DISEASES.

Diseases specially prevalent in 1940—Scarlet Fever.

State months—November and December.

Any diseases specially added to notifiable list?—Measles.

Any influences threatening the health of the District?—
No.

Any arrangements for nursing Puerperal Fever cases? (for
areas outonomous under the M. & C.W. Act, 1918)—

At Home—Yes.

In Hospital—Yes.

ISOLATION HOSPITALS.

General Infectious Diseases:—

Address of Hospital—Long Lane, Queensbury.

Any change or extensions in 1940—General Repairs
and internal renovations.

Any disease in addition to scarlet fever, enteric fever
or diphtheria (e.g., pneumonia or non-notifiable
disease) treated in infectious diseases hospital—
Scarlet Fever only.

Name of authority controlling—Queensbury and Shelf
U.D.C.

Smallpox:—

Address of Hospital—None in Area. Bradford & Halifax.

AMBULANCE SERVICES.

For General Sick and Accident Cases:—

Location of Ambulance—Bradford and Halifax.

Type of Ambulance—Motor.

Arrangements for nurse to accompany patient—Nil.

Charges (if any) to patients in district—Yes.

For General Infectious Disease Cases:—

Location of Ambulance—Queensbury and Halifax.

Ownership—Local Authority.

Type of Ambulance—Horse & Motor.

Arrangements for nurse to accompany patient—Yes.

Charges (if any) to patient in district—No.

For Smallpox:—

Location of Ambulance—Bradford and Halifax.

Type of Ambulance—Motor.

If ambulance of another Authority is used, please state
terms and conditions—Local Authority pay and
recover from patient if not ordered by M.O.H.

TABLE D, 1940.**QUEENSBURY & SHELF URBAN SANITARY DISTRICT.
HOUSING STATISTICS.**

1---Inspection of dwelling-houses during the year:—

- (1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)—19.
- (b) Number of inspections made for the purpose—26.
- (2) (a) Number of dwelling-houses (included under sub-head (1) above), which were inspected and recorded under the Housing Consolidated Regulations 1925 and 1932—5.
- (b) Number of inspections made for the purpose—36.
- (3) Number of dwelling-houses needing further action—0.
- (a) Number considered to be in a state so dangerous or injurious to health as to be unfit for human habitation—0.
- (b) Number (excluding those in sub-head (3) (a) above) found not to be in all respects reasonably fit for human habitation—19.

2—Remedy of defects during the year without service of formal notices:—

No. of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers—12.

3—Action under Statutory Powers during the year.

A. Proceedings under Sections 9, 10 and 16, Housing Act, 1936:—

- (1) No. of dwelling-houses in respect of which notices were served requiring repairs—6.
- (2) No. of dwelling-houses which were rendered fit after service of formal notices—4
 - (a) By owners—4.
 - (b) By Local Authority in default of owners—Nil.

4—Unhealthy Areas.

Have any areas been declared Clearance Areas during the year 1940? If so, please give full particulars as to such, including situation, number of houses, population, and action taken relative thereto—No clearance area declared.

5—Number of new houses erected during 1940 :—

(a) By the Local Authority— 20.

(b) By private enterprise—Nil.

6—Housing Conditions :—

(1) Total number of houses in the District—3179.

(2) No. of working-class houses included in the above—
Nearly all.

(3) General observations as to housing conditions, overcrowding, and shortage of houses—A steady demand for working class houses to let at a rental. Overcrowding is being abated.

(4) Any special activity in house building?—None.

(5) Any housing scheme projected by Local Authority?
—None.

(6) Any regulations made in respect of underground sleeping rooms under Section 12, Housing Act, 1936 :—
None.

7—Town Planning :—

(1) Is the Council a member of any Regional Town Planning Committee? If so, which?—Leeds and Bradford Joint Town Planning Committee.

(2) Is a Town Planning Scheme in force for

(a) The whole of the District—No.

(b) Part of the District—No.

If so, give particulars of scheme—None.

(3) Have Council during 1940 passed a Resolution deciding to prepare a Town Planning Scheme?—No resolution passed.

8—Name and address of Officer designated to make inspections under the Housing Consolidated Regulations—

H. Walmsley, Council Office, Queensbury.

9—Has any action been taken to improve the housing conditions of tuberculosis families in your District, either by way of building new or special houses, or the granting of special facilities for such families to be housed? If so, please state action taken? No. Open-air shelters supplied by West Riding C.C. on application.

10—Housing Act, 1936—Part IV—Overcrowding:—

- (a) (1) No. of dwellings overcrowded at the end of the year 1940—9.
- (2) No. of families dwelling therein—12.
- (3) Number of persons dwelling therein—54.
- (b) No. of new cases of overcrowding reported during the year 1940—6.
- (c) (1) No. of cases of overcrowding relieved during the year—5.
- (2) No. of persons concerned in such cases—22.
- (d) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for abatement of overcrowding—Owners are notified by Council.

GENERAL REMARKS—

DAIRIES AND COWSHEADS.

Out of a total of 43 farms, there are still 5 without dairies. I have impressed on these that a dairy is essential to a clean milk supply, with water laid on.

Structural conditions are good and very satisfactory reports have been made by the County Veterinary Officer. Improvements made at four farms.

HOUSING.

Houses for demolition were generally one-roomed, one-storey type dwelling-house. 6 Demolished & 1 Closed.

SANITATION.

Scheme on hand for Sewage Works at Littlemoor, for 40 houses. Scheme adjourned.

HOSPITAL.

Results have been satisfactory, 6 admissions and 6 discharges at Scarlet Fever Hospital, Long Lane, Ambler Thorn.

(Signed) ALLEN GLENN,

Acting Medical Officer of Health.

NOTIFIABLE DISEASES
OTHER THAN TUBERCULOSIS) DURING THE YEAR
1940.

Disease. *	Total Cases Notified.	Cases admitted to Hospital.	Total Deaths.
Smallpox	Nil.	Nil.	Nil.
Scarlet Fever	9	7	Nil.
Diphtheria	8	8	1
Enteric Fever (including Paratyphoid)	Nil.	Nil.	Nil.
Puerperal Fever	Nil.	Nil.	Nil.
Puerperal Pyrexia	Nil.	Nil.	Nil.
Pneumonia	5	Nil.	1.
Erysipelas	5	Nil.	Nil.
Acute Poleomyelitis ...	Nil.	Nil.	Nil.
Other diseases generally notifiable (specify disease)			
Meningitis	1	1	Nil.
Other diseases notifiable locally (specify disease)	Nil.	Nil.	Nil.

TUBERCULOSIS.

NEW CASES AND MORTALITY DURING 1940.

Age Periods.	New Cases.				Deaths.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0								
1			1					
5								
10								
15	1							
20								
25								
35	1				1			
45								
55								
65 and upwards								
Totals ...	2		1		1			

SANITARY INSPECTOR'S

Year ending December 31st. 1940.

NUMBER OF INSPECTIONS.

Re Nuisances	...	...	...	...	...	...	72
New Drains	...	...	...	...	...	...	16
Houses, Disinfections		...	...	...	...	...	30
Ice Cream Dealers	...	...	...	...	...	...	2
Dairies and Cowsheds	...	...	...	...	...	...	164
Bakehouses	...	...	...	...	...	...	22
Slaughter House Visits	..	...	...	...	...	...	64
Smoke Observations	...	...	...	...	...	...	14
Houses in course of repair		...	...	...	...	...	87
							<hr/> 347

NATURE OF INSPECTIONS.

Drains made up	...	...	...	...	...	18
Water in cellars	...	...	...	...	...	3
Water Closets made up	...	...	...	...	...	26
Defective Sinks	...	...	...	...	...	1
Cesspools overflowing and Visits			..	...	...	0
Defective Water Pipes	...	...	...	...	...	0
Defective Dust Bins	...	...	...	...	...	101
						<hr/> 149 <hr/>
Informal Notices served (Nuisances & Dust Bins)	...					97
Informal Notices complied with			...	...	...	97
Statutory Notices served	...	...	...	...		6
Statutory Notices complied with			...	...	...	4
Legal Proceedings	...	...	...	...	...	—
						<hr/> 204 <hr/>

DAIRIES AND COWSHEDS.

164 visits have been paid to ⁴⁸~~78~~ farms where 500 cattle are kept. Improvements have been carried out to mistles and sheds during the Summer months, including repairs to sheds, lighting and ventilation. We have 38 farms with dairies and 5 with no dairies. All should have dairies for keeping of milk and milk ntensils.

DRAIN AND DRAIN INSPECTIONS.

Complaints were received where drains were choked, these received early attention.

BAKEHOUSES.

The 11 bakehouses are clean and limewashed twice yearly as bye-law. All have been visited twice yearly.

SMOKE OBSERVATIONS.

14 smoke observations have been taken of 6 chimneys. The observations were of 30 minutes' duration, and the results were in all cases good.

DISINFECTIONS.

20 houses have been stoved and disinfected. Disinfecting powder and liquid are given free to residents in the district. 9 to 10 a.m. daily.

EXTINCTION OF RATS.

Rat poison is given free to residents who apply for same, together with instructions as to its use.

HOUSING REPORT.

During the year 20 new houses have been built by the Council, which are of the working-class type. Private enterprise None. Six houses have been demolished and one closed.

SURVEYOR'S REPORT.

INSPECTION OF NEW HOUSES.

60 visits have been paid to houses in course of erection re concrete footing, foundation, damp courses, air space, walls and light, and certificates issued on completion.

TIPS AND ASH COLLECTION.

We have in all three tips for the Queensbury Area, one at Pineberry Quarry is used mostly. This tip is rented by the Council and will serve the district for a number of years.

We have a tip at Windy Bank for that area.

In Shelf Area there is a tip rented by the Council on the Brighthouse and Denholme Road. The tips are in good condition, and no complaints have been received. Bins are collected on Tuesdays, Wednesdays and Fridays by motor, which have done excellent work throughout the year. On the other days horses and carts are used for privy middens and dry ashpits, at a total cost of £1,785.

SALVAGE.

The Council's Salvage scheme came into operation in August, so that only five months work can be reported upon. The total collections are given below, also the value of material disposed of :

	T.	C.	Q.	£	s.	d.
Paper ..	9	6	0	33	0	0
Scrap Iron ...	12	10	1	55	2	0
Tins	13	4	0	20	10	0
	35	0	1	108	12	0
Brass, Copper & Aluminium				4	0	0
				£112	12	0

SANITARY SURVEY OF THE DISTRICT.

- 10 Privies have been converted to W.C.'s.
- 20 W.C.'s have been added in new houses.
- 9 Ashpits have been abolished.
- 3179 Houses in the district.
- 2086 Queensbury, 1093 Shelf.
- 2067 Ash-bins.
- 227 Privy Middens and Earth Closets.
- 8 Dry Ashpits.
- 22 Open Ashpits.
- 52 Tub Closets.
- 2367 W.C.'s including those in works, clubs and public buildings.

SEWERAGE.

QUEENSBURY.

We have had very little trouble with the sewers being choked. No new sewer has been lain. We have had no trouble with the sewerage at the works. The sewage is treated by the system of Detritus Tanks, Precipitation Tanks, Percolating Filters, Sludge Beds and Humus Tanks. There is also some treated by the land treatment, ridge and furrow. The outfall works have been able to easily cope with the flow. Samples have been taken from time to time by the Rivers' Board Inspector but no complaint has been received as to the quality of the discharged effluent. As more houses are built more sludge beds will be required.

SHELF.

There are two sewerage works here, Wood Fall and Lumb Brook. Wood Fall receives about two-thirds of the effluent and Lumb Brook, one-third. The Wood Fall works are by the system of Detritus Tanks, Precipitation Tanks, Percolating Filters and Humus Tanks. Those works are rather overworked to get a good effluent, and some improvement is needed. At Lumb Brook the system is Detritus Tanks, Precipitation Tanks, Percolating Filters, but no Humus Tank. The flow to these works is not so great and the provision of a Humus Tank would greatly improve the effluent.

The Council have approved a Sewerage scheme for reconstruction of Wood Fall works and doing away with the Lumb Brook works. The Sewerage from these works will be then treated by Brighouse at an annual cost

WATER SUPPLY.

QUEENSBURY.

We have now a good supply to all parts of the district. No new mains have been laid during the year. The water supply comes from a Bradford source at Thornton Moor. Samples have been taken from time to time, the result proving it to be a pure and wholesome supply. The Bradford Main comes direct through Mountain and down Albert Road, near the Council Offices a connection is made with the Bradford Main which then flows through the meter direct into the Queensbury Main. This supply feeds half of the district. The reservoir is used for storage and to feed the new 6-in. main.

The water supply at Shelf comes direct from the Bradford Mains, the Council being responsible for its distribution. All the district has a good and plentiful supply.

T. A. NOBLE, Surveyor.

